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MEMORANDUM FOR: Associate Deputy Director for Operations

Dave:

I cannot resist calling to your attention the attached extract from the 9 February 1976 edition of "Aviation Weekly & Space Technology". It does seem to me that somewhere and sometime previously, I have heard some other reference made to the necessity of the 747 delivering material for the monitoring operation.

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John F. Blake
Deputy Director
for
Administration

Att

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CPYRGHT

Installation of Sinai Monitoring Stations Speeded

Dallas—E-Systems, Inc., has shipped by World Airways Boeing 747 freighter approximately 300 tons of material, vehicles and construction machinery to fulfill a tight schedule in getting an intrusion early warning system operational in the Sinai Desert between Egypt and Israel.

The U. S. State Dept. awarded E-Systems, Inc., a \$16.5-million contract to install, operate and maintain an electronic surveillance network comprising a base camp, three watch stations and four seismic-type sensor fields east and west of the Mitter and Giddi passes.

E-Systems is responsible for constructing the basic facilities to be staffed by approximately 200 U. S. personnel monitoring the sensor fields and logistical support, maintenance, transportation, shelter and food. The schedule calls for the base to be operational by Feb. 22, utilizing temporary quarters, with permanent facilities to be completed by July 1, 1976.

On-the-spot policy guidance and direction will be handled by a U. S. government team of approximately 25 personnel headed by Sinai Field Mission (SFM) director Nicholas G. W. Thorne. He, in turn, reports directly to Sinai Support Mission director C. William Kontos, directing the project from Washington. Kontos reports to the White House.

E-Systems is using H. B. Zachry Co., San Antonio, Tex., as the construction company to install the facilities. Temporary buildings will be replaced by pre-cast concrete modules of a design developed by Zachry. These will be shipped by the construction firm via surface vessel.

Sensor systems and allied equipment will be government furnished and are being airlifted from Ft. Belvoir.

The government has furnished E-Systems with detailed data on location of facilities, the types and number of sensor systems and where and how they are to be deployed. Preliminary eval-

uation of the sensor field sites has been made by U. S. government teams, who also tested devices in sample areas to determine their capabilities in that region.

E-Systems is not furnishing any of the equipment to be installed. Its \$16.5-million contract covers the period through Sept. 30, by which time the permanent base is scheduled to be in place. Approximately \$10.5 million of the E-Systems award is going to Zachry Co. Of the remainder, E-Systems will purchase equipment, including ground communications equipment, such as telephone systems and radio gear. Radio communications will utilize General Electric commercial-type equipment. Communications between the Sinai base and Washington will be via Defense Communications Service satellite. Communications between the base camp and the watch stations, which will be positioned from 11-60 km. from the base camp, will be via radio. E-Systems \$16.5-million contract includes a fixed rate price by skill category for personnel, with purchases of equipment, vehicles and the construction of the base on a cost-plus-fixed-fee basis. The State Dept. is budgeting \$10 million annually for maintenance of the facility.

The sensor equipment is the seismic-type utilized in the Vietnam war, capable of picking up surface intrusions into the buffer zone between the two countries by persons or vehicles, pinpointing locations and counting individual persons and vehicles.

E-Systems personnel will man the watch stations and be at the consoles monitoring sensor inputs at the base camp.

Under the agreement negotiated by the U. S. government with the Egyptians and Israelis, the two bordering countries will have the right to conduct reconnaissance flights over the buffer zone on alternate days, or to request assistance from the U. S. to handle such missions.